

NOAFS#  
Natalia Vasquez



**JKLM ENERGY<sup>LLC</sup>**

NSPS 0000a

March 28, 2018

**CERTIFIED MAIL**

Director, Air Protection Division  
EPA Region III  
Mail Code 3AP00  
1650 Arch Street  
Philadelphia, PA 19103-2029

MAR 29 2018

**Subject: JKLM Energy, LLC.**  
**Sweden Valley Well Site 102**  
**NSPS Subpart OOOOa Annual Report**

Dear Director,

JKLM Energy, LLC. (JKLM) is submitting the NSPS Subpart OOOOa Annual Report for Sweden Valley 102 well site in Summit Township, Potter County, Pennsylvania, in accordance with 40 Code of Federal Regulations (CFR) §60.5420a(b). The annual report is due no later than the same date each year as the initial annual report, which was submitted on April 6, 2017.

This Annual Report includes applicable information of the items required under 40 CFR §60.5420a(b).

- General Information
- Well Information
- Centrifugal Compressor Information
- Reciprocating Compressor Information
- Pneumatic Controller Information
- Storage Vessel Information
- Fugitive Emissions Components Information
- Pneumatic Pump Information
- Performance Test Information
- Combustion Control Device Information
- Closed Vent System Certification



**JKLM ENERGY** <sup>LLC</sup>

March 28, 2018

If you have any questions or concerns, please contact me at 724-935-9815 or [jharrick@emslp.com](mailto:jharrick@emslp.com) or Allison Devine at 412-858-1566 or [allison.devine@aptim.com](mailto:allison.devine@aptim.com), and we will provide any clarification or additional information.

Sincerely,

Joseph M. Harrick

General Manager, Environmental Safety and Health

Cc: Commonwealth of Pennsylvania, Department of Environmental Protection

# **NSPS SUBPART OOOOa ANNUAL REPORT**

**SWEDEN VALLEY 102**

**Potter County, Pennsylvania**

*March 2018*

Prepared for:



**JKLM ENERGY<sup>LLC</sup>**

JKLM Energy, LLC  
2200 Georgetowne Drive  
Suite 500  
Sewickley, Pennsylvania 15143

Prepared by:



**APTIM**

Aptim Environmental & Infrastructure, Inc.  
500 Penn Center Boulevard  
Suite 1000  
Pittsburgh, Pennsylvania 15235

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## List of Attachments

Attachment 1      Certification Statement

## 1. General Information

[40 CFR 60.5420a(b)(1)]

Requirement	Response
Company Name [(b)(1)(i)]	JKLM Energy, LLC
Facility Site Name [(b)(1)(i)]	Sweden Valley 102
US Well ID [(b)(1)(i)]	37-105-21850-00-00
Location [(b)(1)(i)] <ul style="list-style-type: none"><li>• Address</li></ul> <p><i>If address not available:</i></p> <ul style="list-style-type: none"><li>• Site Location Description</li></ul> <ul style="list-style-type: none"><li>• Lat/Long Coordinates (NAD 1983)</li></ul>	See Site Location Description and Latitude/Longitude Coordinates below.  Facility is located off of Cherry Springs Road (Highway 44) about 5 miles south of the intersection of Cherry Springs Road with East 2 <sup>nd</sup> Street (Highway 6) in Potter County near Summit Township municipality.  41.71724, -77.89994
Identification of each affected facility included in report [(b)(1)(ii)]	Fugitive Components at the Well Site
Reporting Period [(b)(1)(iii)] <ul style="list-style-type: none"><li>• Beginning Date</li><li>• End Date</li></ul>	January 9, 2017 January 9, 2018
Certification Statement [(b)(1)(iv)]	See Attachment 1

## 2. Well Information

[40 CFR 60.5420a(b)(2)]

Requirement	Response
	Not Applicable. No well completion operations during the compliance period.

## 3. Centrifugal Compressor

[40 CFR 60.5420a(b)(3)]

Requirement	Response
	Not Applicable. No centrifugal compressors are located at this site.

## 4. Reciprocating Compressor

[40 CFR 60.5420a(b)(4)]

Requirement	Response
	Not Applicable. No reciprocating compressors are located at this site.

## 5. Pneumatic Controller

[40 CFR 60.5420a(b)(5)]

Requirement	Response
	Not Applicable. No applicable pneumatic controllers are located at this site.



## 6. Storage Vessel

[40 CFR 60.5420a(b)(6)]

Requirement	Response
	Not Applicable. No applicable storage vessels are located at this site.

## 7.1 Fugitive Emissions Components – Survey 1

[40 CFR 60.5420a(b)(7)]

Requirement	Response
• Date of Survey [(b)(7)(i)]	May 23, 2017
• Time of Survey [(b)(7)(ii)] <ul style="list-style-type: none"> <li>○ Start Time</li> <li>○ End Time</li> </ul>	3:31 pm 4:33 pm
• Name of operator(s) performing survey. If using OGI, note the training and experience of the operator. [(b)(7)(iii)]	Ryan J. Flanagan. Certified OGI Thermographer through June 15, 2022, by Infrared Training Center with four years of LDAR experience.
• Ambient temperature, sky conditions, and maximum wind speed [(b)(7)(iv)]	73.7°F; clear skies; 1.1 mph winds
• Monitoring instrument [(b)(7)(v)]	FLIR Infrared Camera Model GF320
• Any deviations from the monitoring plan [(b)(7)(vi)]	No
• Number and type of components where fugitive emissions were detected [(b)(7)(vii)]	(1) One Valve; (2) Others
• Number and type of components that were not repaired [(b)(7)(viii)]	(0) Zero
• Number and type of difficult-to-monitor and unsafe-to-monitor components monitored [(b)(7)(ix)]	Not Applicable
• Date of successful repair of components [(b)(7)(x)]	May 23, 2017; June 22, 2017
• Number and type of components placed on delay of repair and explanation for delay [(b)(7)(xi)]	(0) Zero
• Type of instrument used to resurvey repaired components that could not be repaired during initial finding [(b)(7)(xii)]	FLIR Infrared Camera Model GF320

## 7.2 Fugitive Emissions Components – Survey 2

[40 CFR 60.5420a(b)(7)]

Requirement	Response
• Date of Survey [(b)(7)(i)]	October 10, 2017
• Time of Survey [(b)(7)(ii)] <ul style="list-style-type: none"> <li>○ Start Time</li> <li>○ End Time</li> </ul>	1:34 pm 2:32 pm
• Name of operator(s) performing survey. If using OGI, note the training and experience of the operator. [(b)(7)(iii)]	Ryan J. Flanagan. Certified OGI Thermographer through June 15, 2022, by Infrared Training Center with four years of LDAR experience.

## 7.2 Fugitive Emissions Components – Survey 2

[40 CFR 60.5420a(b)(7)]

Requirement	Response
• Ambient temperature, sky conditions, and maximum wind speed [(b)(7)(iv)]	75.1°F; overcast skies; 5.1 mph winds
• Monitoring instrument [(b)(7)(v)]	FLIR Infrared Camera Model GF320
• Any deviations from the monitoring plan [(b)(7)(vi)]	No
• Number and type of components where fugitive emissions were detected [(b)(7)(vii)]	(1) One Other
• Number and type of components that were not repaired [(b)(7)(viii)]	(0) Zero
• Number and type of difficult-to-monitor and unsafe-to-monitor components monitored [(b)(7)(ix)]	Not Applicable
• Date of successful repair of components [(b)(7)(x)]	October 10, 2017
• Number and type of components placed on delay of repair and explanation for delay [(b)(7)(xi)]	(0) Zero
• Type of instrument used to resurvey repaired components that could not be repaired during initial finding [(b)(7)(xii)]	Not Applicable

## 8. Pneumatic Pump

[40 CFR 60.5420a(b)(8)]

Requirement	Response
	Not Applicable. No applicable pneumatic pumps are located at this site.

## 9. Closed Vent System Certification

[40 CFR 60.5420a(b)(12)]

Requirement	Response
	Not Applicable. No closed vent systems are located at this site.

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## **Attachment 1**

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### **Certification Statement**



**40 CFR SUBPART 0000a ANNUAL REPORT**  
**CERTIFICATION STATEMENT**  
40 CFR 60.5420a(b)(1)(iv)

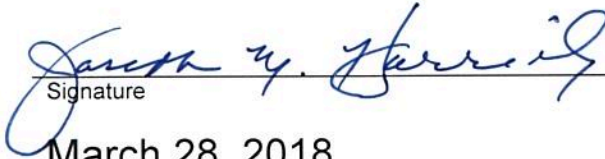
Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Joseph M. Harrick

Printed Name

General Manager, Environmental Health and Safety

Title

A handwritten signature in blue ink, appearing to read "Joseph M. Harrick", is written over a horizontal line.

Signature

March 28, 2018

Date